Lab ID : CP-RW-2017-09-11-01 **Date: 10-11-17**

Sample ID No : 2017-09-11-01-01

AFTER EXTRACTION(Trail-1)

Weight of Sample : 482 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	15	15	3.11	96.9	90-100
19	49	64	13.28	86.7	71-95
13.2	58	122	25.31	74.7	56-80
4.75	119	241	50.00	50.0	38-54
2.36	82	323	67.01	33.0	28-42
0.3	71	394	81.74	18.3	7-21
0.075	72	466	96.68	3.3	2-8

AFTER EXTRACTION(Trail-2)

Weight of Sample : 481 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	17	17	3.53	96.5	90-100
19	51	68	14.14	85.9	71-95
13.2	62	130	27.03	73.0	56-80
4.75	128	258	53.64	46.4	38-54
2.36	79	337	70.06	29.9	28-42
0.3	88	425	88.36	11.6	7-21
0.075	40	465	96.67	3.3	2-8

Note:-

The results pertain to the samples received and tested.
All information furnished by the Customer/ Representative.
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro,

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು
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End of Report

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2011)

Lab ID	:	**CP-RW-2017-09-18-01**	**Date: 20-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14	
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, Bangalore-10	
Customer Reference	:	BBMP/EE/DD/WO/037/2017-18	
Source of Sample	:	Sample supplied by Agency	
Date of Receipt	:	18-09-17	
Sample ID No	:	2017-09-18-01/01	
Type of Mix	:	BC (Bituminous Concrete)	
Date of test	:	18-09-17	

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	470	469
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	6.00	6.20
4	Average percentage	%	6.1	

CIVIL Pro Sig..... Date..... BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

FOR CIVIL Pro.

Prepared By:
Harshitha

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Lab ID : CP-RW-2017-09-18-01 **Date: 20-09-17**

Sample ID : 2017-09-18-01/01

AFTER EXTRACTION - Trail-1

Total Weight of the Sample(gm) : 470

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	14	14	3.0	97.0	90-100
9.5	54	68	14.5	85.5	70-88
4.75	141	209	44.5	55.5	53-71
2.36	50	259	55.1	44.9	42-58
1.18	27	286	60.9	39.1	34-48
0.6	15	301	64.0	36.0	26-38
0.3	62	363	77.2	22.8	18-28
0.15	43	406	86.4	13.6	12-20
0.075	24	430	91.5	8.5	4-10

AFTER EXTRACTION - Trail-2

Total Weight of the Sample(gm) : 469

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	16	16	3.4	96.6	90-100
9.5	58	74	15.8	84.2	70-88
4.75	146	220	46.9	53.1	53-71
2.36	48	268	57.1	42.9	42-58
1.18	31	299	63.8	36.2	34-48
0.6	18	317	67.6	32.4	26-38
0.3	60	377	80.4	19.6	18-28
0.15	34	411	87.6	12.4	12-20
0.075	22	433	92.3	7.7	4-10

Note:

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Prepared By:
Harshitha

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
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Quality Manager

End of Report